1.1 Telephone Application Function (Continued)

Application	Type	Package	Circuit Function
Speaker Phone with Speech Network	KA8601C	48 SDIP	• High attenuator gain range (52dB) • Microphone amp gain set by external components • Regulated voltage for dialer • Low operating voltage (1.5V : Speech) • Mute input for DTMF dialing
Low Voltage Audio Amp	KA8602B	8 DIP/8 SOP	• Easy gain control • Low distortion • Mute function
DTMF Receiver	KT3170	18 DIP	• Full DTMF Receiver • Provides DTMF high and low group filtering • Dial tone suppression • Adjustable acquisition and release times • Integrated band split filter and digital decoder functions • High quality and performance • Single + 5 volt power supply
DSP for Digital Telephone Answering	† †KS16121	80 QFP	• Low bit rate, high performance digital speech compression algorithm • DTMF detection generation • Voice activation and gap coding for longer recording time • Supports full-duplex speaker phone • Supports caller-ID reception • Supports up to four 4M bits or one 16M bits flash memory • CODEC interface
Tone Decoder	KA567/L	8 DIP 8 SOP	• Touch tone decoding • Sequential tone decoding • Communication paging • High stable center frequency • KA567L Micropower (4mW at 5V) dissipation
FM Receiver	KA3361B	16 DIP 16 SOP	• Operating voltage range : 2.5-7V • Typical supply current : 4mA at 4V • Excellent input sensitivity (-3dB limiting, 2.0μVrms typ) • Communication paging
Compandor	KA8507	20 DIP/20 SOP	• Operating voltage range : 2.4 ~ 7V • Easy gain control • Mute/Bypath logic • Data In/Out pin
	KA8512	14 DIP/14 SOP	• Easy gain Control to use external component • Included ALC circuit • Included mute function

† New product
† † Under Development